

Please type a plus sign (+) inside this box → 

PTO/SB/05 (03-01)
Approved for use through 10/31/2002. OMB 0651-0032
U.S. Patent and Trademark Office; U.S. DEPARTMENT OF
COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

| | | |
|---|-------------------------------|--|
| UTILITY PATENT APPLICATION TRANSMITTAL <i>(Only for new nonprovisional applications under 37 CFR 1.53(b))</i> | Attorney Docket No. | 66638/41212 |
| | First Inventor | Nelson |
| | Title | Backscatter Imaging Using Hadamard Transform Masking |
| | Express Mail Label No. | EV328620461US |

031088 U.S. PTO
10/725836



| | |
|---|---|
| APPLICATION ELEMENTS <i>See MPEP chapter 600 concerning utility patent application contents.</i> | ADDRESS TO: Assistant Commissioner for Patents Box Patent Application P.O. Box 1450 Alexandria, VA 22313-1450 |
| 1. <input type="checkbox"/> Applicant claims small entity status. See 37 CFR 1.27. 2. <input checked="" type="checkbox"/> Specification [Total Pages No. 18] <i>(preferred arrangement set forth below)</i> <input checked="" type="checkbox"/> Descriptive title of the invention <input type="checkbox"/> Cross Reference to Related Applications <input type="checkbox"/> Statement Regarding Fed sponsored R & D <input type="checkbox"/> Reference to sequence listing, a table, or a computer program listing appendix <input checked="" type="checkbox"/> Background of the Invention <input checked="" type="checkbox"/> Brief Summary of the Invention <input checked="" type="checkbox"/> Brief Description of the Drawings <i>(if filed)</i> <input checked="" type="checkbox"/> Detailed Description <input checked="" type="checkbox"/> Claim(s) <input checked="" type="checkbox"/> Abstract of the Disclosure 3. <input checked="" type="checkbox"/> Drawing(s) (35 U.S.C. 113) [Total Sheets No. 2] 4. Oath or Declaration [Total Pages No. 2] a. <input checked="" type="checkbox"/> Executed by inventor Shepherd only (original or copy) b. <input type="checkbox"/> Unexecuted b. <input type="checkbox"/> Copy from a prior application (37 CFR 1.63 (d)) <i>(for continuation/divisional with Box 18 completed)</i> i. <input type="checkbox"/> DELETION OF INVENTOR(S) Signed statement attached deleting inventor(s) named in the prior application, see 37 CFR 1.63(d)(2) and 1.33(b). | 5. <input type="checkbox"/> CD-ROM or CD-R in duplicate, large table or Computer Program <i>(Appendix)</i> 6. Nucleotide and/or Amino Acid Sequence Submission <i>(if applicable, all necessary)</i> a. <input type="checkbox"/> Computer Readable Form (CRF) b. Specification Sequence Listing on: i. <input type="checkbox"/> CD-ROM or CD-R (2 copies); or ii. <input type="checkbox"/> paper c. <input type="checkbox"/> Statements verifying identify of above copies ACCOMPANYING APPLICATION PARTS 7. <input checked="" type="checkbox"/> Assignment Papers (cover sheet & document(s)) 8. <input type="checkbox"/> 37 CFR 3.73(b) Statement <input checked="" type="checkbox"/> Power of Attorney <i>(when there is an assignee)</i> 9. <input type="checkbox"/> English Translation Document <i>(if applicable)</i> 10. <input type="checkbox"/> Information Disclosure Statement (IDS)/PTO-1449 <input type="checkbox"/> Copies of IDS Citations 11. <input type="checkbox"/> Preliminary Amendment 12. <input checked="" type="checkbox"/> Return Receipt Postcard (MPEP 503) <i>(Should be specifically itemized)</i> 13. <input type="checkbox"/> Certified Copy of Priority Document(s) <i>(if foreign priority is claimed)</i> 14. <input type="checkbox"/> Nonpublication Request under 35 U.S.C. 122 (b)(2)(B)(i). Applicant must attach form PTO/SB/35 or its equivalent. 15. <input checked="" type="checkbox"/> Certificate of Express Mailing 16. <input type="checkbox"/> Other: _____ |

17. If a CONTINUING APPLICATION, check appropriate box, and supply the requisite information below and in a preliminary amendment, or in an Application Data Sheet under 37 CFR 1.76:

☐ Continuation ☐ Divisional ☐ Continuation-in-part (CIP)

of prior application No.: _____ / _____

Prior application information:

Examiner _____

Group Art Unit: _____

For CONTINUATION OR DIVISIONAL APPS only: The entire disclosure of the prior application, from which an oath or declaration is supplied under Box 5b, is considered a part of the disclosure of the accompanying continuation or divisional application and is hereby incorporated by reference. The incorporation can only be relied upon when a portion has been inadvertently omitted from the submitted application parts.

18. CORRESPONDENCE ADDRESS

| | | |
|--|---|---|
| <input type="checkbox"/> Customer Number or Bar Code Label |  21888 PATENT TRADEMARK OFFICE | or <input checked="" type="checkbox"/> Correspondence address below |
|--|---|---|

| | | | |
|----------------|--|--|-------------------------|
| Name | John M. Howell | Registration No. (Attorney/Agent) | 25,261 |
| Address | Thompson Coburn LLP One US Bank Plaza | | |
| City | St. Louis | State | MO |
| Country | U.S.A. | Zip Code | 63101 |
| | Telephone | 314-552-6279 | Fax 314-552-7279 |



16569

U.S. PTO

PTO/SB/06 (08-00)

Approved for use through 10/31/2002. OMB 0651-0032

U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

| PATENT APPLICATION FEE DETERMINATION RECORD | | | | Application or Docket Number 66638/41212 | | | | | |
|--|----------------------------|----------------------------|---|---|--------|----|--------------|-------------------------|--|
| CLAIMS AS FILED -- PART I | | | | SMALL ENTITY | | OR | | OTHER THAN SMALL ENTITY | |
| FOR | (Column 1) NUMBER FILED | (Column 2) NUMBER EXTRA | | RATE | FEE | | RATE | FEE | |
| BASIC FEE (37 CFR 1.16(a)) | | | | | \$ 0 | OR | | \$770.00 | |
| TOTAL CLAIMS (37 CFR 1.16(c)) | 18 | minus 20 = * | | x \$ | = | OR | x \$ 18.00 | 0.00 | |
| INDEPENDENT CLAIMS (37 CFR 1.16(b)) | 12 | minus 3 = * | 9 | x \$ | = 0.00 | OR | x \$ 86.00 | 774.00 | |
| MULTIPLE DEPENDENT CLAIM PRESENT (37 CFR 1.16(d)) | | | | + \$ | = 0.00 | OR | + \$ 290.00= | 0.00 | |
| * If the difference in column 1 is less than zero, enter "0" in column 2 | | | | TOTAL | | OR | TOTAL | 1544.00 | |

- ☒ A check in the amount of \$1,544.00 is attached.
- ☒ The Commissioner is hereby authorized to charge and credit Deposit Account No. 20-0823 as described below. A duplicate copy of this sheet is enclosed.
- ☐ Charge the amount of _____ for the patent filing fee.
- ☒ Credit any overpayment.
- ☒ Charge any additional fee required.

John M. Howell
Signature

Dated: 12/1/03

John M. Howell, Reg. No. 25,261
Thompson Coburn LLP
One US Bank Plaza
St. Louis, Missouri 63101
314-552-6279
314-552-7279 FAX



21888

PATENT TRADEMARK OFFICE

I certify that the document and fee is being deposited on
12/1/03 with the U.S. Postal Service as
Express Mail under 37 CFR 1.10 and is addressed to the
BOX PATENT APPLICATION, Assistant Commissioner for
Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

Express Mail No. EV328620461US

John M. Howell
Signature of Person Mailing Correspondence

John M. Howell
Typed or Printed Name of Person Mailing Correspondence

EXPRESS MAIL CERTIFICATE OF MAILING (37 CFR 1.10)**Express Mail No. EV328620461US**

Docket No.

66638/41212

In Re Application Of:

Nelson et al.

Serial No.
to be assignedFiling Date
herewithExaminer
unknownGroup Art Unit
unknown

Title:

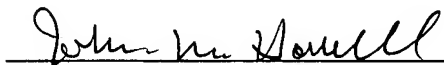
BACKSCATTER IMAGING USING HADAMARD TRANSFORM MASKING

TO THE COMMISSIONER OF PATENTS AND TRADEMARKS

Transmitted herewith is:

Utility Patent Application Transmittal:

- ☒ Patent Application
☒ Drawings: 2 Sheets ☒ Formal ☐ Informal;
☒ Power of Attorney: ☒ Executed by inventor Shepherd only ☐ Not executed
☒ Declaration: ☒ Executed by inventor Shepherd only ☐ Not executed
☒ Assignment with Recordation Form
☐ Information Disclosure Statement with References ()
☐ NonPublication Request under 35 U.S.C. 122(b)(2)(B)(i)
☒ Postcard
☒ Checks in the amounts of \$40.00 and \$1544.00 are attached


Signature

Dated: 12/1/03

John M. Howell, Reg. No. 25,261
Thompson Coburn LLP
One US Bank Plaza
St. Louis, Missouri 63101
314-552-6279
314-552-7279 FAX

Customer No. 021888

I certify that the document and fee is being deposited on
12/1/03 with the U.S. Postal Service as Express Mail
under 37 C.F.R. 1.10 and is addressed to the Assistant
Commissioner for Patents, P.O. Box 1450, Alexandria, VA
22313-1450.

Express Mail No. EV328620461US
Signature of Person Mailing Correspondence

John M. Howell
Typed or Printed Name of Person Mailing Correspondence